

AMENDMENTS TO THE CLAIMS

In the claims:

Claims 26-39 were previously in the application. Please add new claims 40-44 and cancel claim 28, as shown in the following listing of claims, which will replace all prior versions and listings of claims in the application. Please cancel claim 28 without prejudice to its pursuit in an appropriate continuation or divisional application.

Listing of claims:

1. – 25. (canceled)

26 (currently amended). A method of isolating or purifying one or more vectors from a host cell or virus comprising:

- a) contacting a matrix or solid medium with a sample comprising a host cell or virus containing said vector or vectors; and
- b) isolating all or a portion of said vector or vectors from said medium.

27 (original). The method of claim 26, wherein said medium protects against degradation of said vectors.

28 (canceled).

29 (withdrawn). A method for treating or manipulating one or more vectors comprising:

- a) contacting a sample containing said vectors with a solid medium or matrix; and
- b) treating or manipulating all or a portion of said vectors.

30 (withdrawn). The method of claim 29, wherein said sample is selected from the group consisting of host cells, viruses, extracts of host cells or viruses, lysates of host cells or viruses, host cell or virus debris, and combinations thereof.

31 (withdrawn). The method of claim 29, wherein said matrix or medium in FTATM paper or derivatives, variants or modifications thereof.

32 (withdrawn). The method of claim 29, wherein said treatment or manipulation is selected from the group consisting of digestion, synthesis, amplification, sequencing, transformation or transfection.

33 (previously presented). The method of claim 26, wherein said solid matrix comprises a polymeric matrix.

34 (previously presented). The method of claim 33, wherein the polymeric matrix comprises a cellulose-based matrix.

35 (previously presented). The method of claim 33, wherein the polymeric matrix comprises a micromesh synthetic polymer matrix.

36 (previously presented). The method of claim 35, wherein the polymeric matrix comprises a micromesh synthetic plastic matrix.

37 (previously presented). The method of claim 26, wherein said solid matrix is contacted with said one or more cells in solution.

38 (previously presented). The method of claim 26, wherein said solid matrix further comprises:

- a) a weak base;
- b) a chelating agent; and
- c) an anionic surfactant or an anionic detergent.

39 (previously presented). The method of claim 38, wherein said solid matrix further comprises uric acid or a urate salt.

40 (new). The method of claim 28, wherein said sample comprises host cells and wherein said host cells comprise eukaryotic cells.

41 (new). The method of claim 28, wherein said sample comprises host cells and wherein said host cells comprise prokaryotic cells.

42 (new). The method of claim 41, wherein said prokaryotic cells comprise bacterial cells.

43 (new). A method of isolating or purifying one or more vectors from a host cell or virus comprising:

- a) contacting a solid medium with a sample comprising a host cell or virus containing said vector, wherein the solid medium comprises:
 - i) a polymeric matrix comprising a cellulose-based matrix, a micromesh synthetic polymer matrix, or a micromesh synthetic plastic matrix;

- ii) a weak base;
- iii) a chelating agent; and
- iv) an anionic surfactant or an anionic detergent;
- b) releasing the vector from the host cell and onto said medium;
- c) isolating said vector from said medium.

44 (new). The method of claim 43, wherein said solid medium further comprises uric acid or a urate salt.